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Appl. No. 10/709,847  
Amdt. dated March 15, 2006  
Reply to Office action of December 15, 2005

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 1 (currently amended): A wireless peripheral for a host comprising:
- 5       a wireless module for communicating wireless signals with the host;  
      an alarm module for generating an alarm signal while receiving a  
          control signal; and  
      a decision module between the alarm module and the wireless  
10       module; wherein when the wireless module and the host is  
      disconnected, the decision module generates the control signal to  
      the alarm module for generating the alarm signal;  
      wherein the host transmits confirmation signals to the wireless  
      peripheral only when no speech signals are transmitted between  
      the host and the wireless peripheral.
- 15
- 2 (original): The wireless peripheral of claim 1 wherein the wireless peripheral is a  
      wireless headset, the format of the alarm signal being one of the following: sound,  
      light, vibration, or a combination of such.
- 20
- 3 (original): The wireless peripheral of claim 1 wherein the host is capable of transmitting  
      a voice signal to the wireless module, the wireless peripheral further connecting to an  
      interface module for transforming the voice signal into an analog voice; the interface  
      module generating an alarm sound while the alarm module receives the control signal.
- 25
- 4 (original): The wireless peripheral of claim 1 wherein the host is capable of transmitting  
      confirmation signals at different times; the decision module generating the control  
      signal to the alarm module if the decision module has not received the confirmation

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signals for a predetermined time.

5 (original): The wireless peripheral of claim 1 wherein the host is capable of transmitting confirmation signals at different times; the decision module generating the control  
5 signal to the alarm module if a number of the confirmation signals received in the decision module is smaller than a predetermined number for a predetermined time.

6 (original): The wireless peripheral of claim 1 wherein the host transmits confirmation  
10 signals by the following methods: regularly sending, irregularly sending, or their combination.

7 (cancelled).

8 (original): The wireless peripheral of claim 1 wherein the host is capable  
15 of transmitting a service signal, the wireless peripheral further comprising an interface module for transferring the service signal received in the wireless module into sound, vibration, or image.

9 (original): The wireless peripheral of claim 8 wherein the host transmits  
20 the confirmation signal only when not transmitting the service signal.

10 (original): The wireless peripheral of claim 1 wherein the wireless  
module is capable of transmitting request signals at different times, the  
25 host transmitting a confirmation signals for responding to the request signals.

11 (currently amended): A wireless system comprising:  
a wireless peripheral; and

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a host comprising:

a wireless module for communicating wireless signals with the wireless peripheral;

5 an alarm module for generating an alarm signal while receiving a control signal; and

a decision module between the alarm module and the wireless module; wherein when the wireless module and the host is disconnected, the decision module generates the control signal to the alarm module for generating the alarm signal;

10 wherein the host transmits confirmation signals to the wireless peripheral only when no speech signals are transmitted between the host and the wireless peripheral.

12 (original): The wireless peripheral of claim 11 wherein the host is capable of  
15 transmitting confirmation signals at different times; the decision module generating the control signal to the alarm module if the decision module has not received the confirmation signals for a predetermined time.

13 (original): The wireless peripheral of claim 11 wherein the host is capable of  
20 transmitting confirmation signals at different times; the decision module generating the control signal to the alarm module if a number of the confirmation signals received in the decision module is smaller than a predetermined number for a predetermined time.

25 14 (original): The wireless peripheral of claim 11 wherein the host transmits confirmation signals by the following methods: regularly sending, irregularly sending, or their combination.

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15 (cancelled).

16 (original): The wireless peripheral of claim 11 wherein the wireless module is capable  
of transmitting a request signal at different times, the host transmitting a confirmation  
5 signal for responding to the request signal.

17 (currently amended): A method for a wireless system, the wireless  
system comprising a host and a wireless peripheral, the host capable of  
communicating wireless signals with the wireless peripheral; the  
10 method comprising:  
communicating wireless signals between the host and the wireless  
peripheral; and  
when the wireless communication between the host and the wireless peripheral is  
disconnected, generating an alarm signal with the wireless peripheral;  
15 wherein the host transmits confirmation signals to the wireless  
peripheral only when no speech signals are transmitted between the  
host and the wireless peripheral.

18 (original): The method of claim 17 further comprising:  
20 transmitting confirmation signals at different times with the host; and  
determining that the wireless communication between the host and the wireless  
peripheral is disconnected if the confirmation signals are not received in a  
predetermined time.

25 19 (original): The method of claim 17 further comprising:  
transmitting confirmation signals at different times with the host; and  
determining that the wireless communication between the host and the wireless  
peripheral is disconnected if a number of the received confirmation signals is

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smaller than a predetermined number over a predetermined time.

20 (original): The method of claim 17 further comprising:

- transmitting request signals at different times with the wireless peripheral; and
- 5 transmitting confirmation signals for responding to the request signal with the host.